

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF GENERAL SERVICES
DIVISION OF PURCHASING AND SUPPLY
SPECIFICATIONS FOR 25 FOOT BOAT WITH TRAILER**

PURPOSE:

The purpose of this specification is to establish a purchasing requirement for a 25 foot minimum center line length extended cabin type outboard motor boat with transport trailer and accessories, for use by the Virginia Marine Resources Commission (MRC), State Agencies, and other Public Bodies of the Commonwealth of Virginia.

SCOPE:

The following specifications are intended to define the minimum level of quality and performance of the requested products, and are meant to be met or exceeded. All dimensions provided are minimums, unless otherwise specified. Where brand names are mentioned in text, the specifications are not meant to be restrictive as to brand name or manufacturer. All equipment bid may be the brand name and model, or shall be **equivalent** to brand names and/or any other specification elements using the **Use of Brand Names** clause (see General Terms and Conditions) in making an equivalence determination.

These specifications describe a quantity of one (1) 25 foot minimum centerline length boat with transport trailer, to be powered by an outboard motor. The Agency will provide and install a Mercury Verado outboard motor, including steering mechanisms, and accessories necessary for outboard motor installation.

BIDDER REQUIREMENTS:

Bidders/Vendors shall submit complete technical data of the product being offered, with an itemized comparison of the product offered with these specifications. Bidders/Vendors shall indicate equivalence on the specifications form next to each specification item, using the lines provided across from the specification items. A blank line next to a specification item shall indicate compliance with that item. Bidders/Vendors shall indicate any deviations with appropriate reasons and documentation. If information is requested in the "Specifications Data" section, the bidder must provide the information where indicated. The Commonwealth reserves the right to obtain technical data and to request clarification when deemed necessary. **Failure on the part of the bidder/Vendor to provide all requested documentation may be cause to reject the bid/request as non-responsive.**

Bidders shall provide delivery for products offered, FOB destination. Deliver to Virginia Marine Resources Commission, Virginia Marine Police, 30 Jefferson Avenue, Newport News, VA 23607, between 8:30 AM and 4:30 PM Monday thru Friday. Contact Mr. Dave Rabon at (757) 247-2008 not less than 48 hours prior to delivery. Provide delivery lead time after receipt of order (ARO), in the "DELIVERY TIME..." section provided at the end of the specifications.

The products offered in answer to this request for bid must be new and unused current production models of the equipment required. No prototype or demonstrator product will be accepted, and offering of such a product will be cause for bid rejection. Bidders must provide training to MRC personnel containing clear instructions on operation, safety, and maintenance of each product provided.

All items in this specification must be bid as a complete package. Bids containing only selected elements of the entire specification will not be accepted.

Products provided must be warranted with the supplier's best warranty offered, to provide no-cost protection to the Commonwealth for correction or replacement as needed for defects in manufacturing, assembly, or parts. Provide documentation of warranty for the products offered in answer to this invitation for bid.

Bidder shall have a full service factory authorized service center located within a 100 mile radius of the MRC location in Newport News, Virginia. The service center must have staff who are fully qualified to address all issues concerning the boat and trailer, and the service center must have the tools and equipment necessary to provide all required service and repairs to boat and trailer. Bidder shall provide the name, address, telephone number, and contact person of the service center with bid.

SPECIFICATIONS:

<u>Specifications Data</u>	<u>Equivalent Item Data</u>
A. Provide a Parker model 2530 extended cabin, or equivalent, minimum 25 ft. centerline length boat with the following basic features, and equipped to include equivalent to all standard equipment provided on Parker 2530:	
1. Hand laid fiberglass hull and deck	
2. Closed cell foam or equal internal flotation in hull	
3. Hull and deck connection reinforced with through bolted stainless steel fasteners	
4. Minimum center line length, 25 ft.	
5. Minimum beam amidships, 9 ft. 3 in.	
6. Maximum hull draft, 20 in. (draft may be less)	
7. Maximum outboard horsepower, 500 HP	
8. Minimum internal fuel capacity, 173 gallons.	
9. Automatic bilge pump, with float switch	
10. Full transom with bracket for twin outboard motor installation	
11. Transom mounted swim platform with dive ladder receiver	
12. Pilot house minimum size 89" length x 75" width x 77" headroom	
13. Cabin forward of pilot house minimum size 72" length x 64" width, x 43" headroom	
14. Forward cabin overhead ventilation hatch with screens	
15. Locking pilot house door	
16. Port and starboard windshield wipers	
17. Trim tabs, with instant retract feature	
18. Minimum 21 degrees deadrise	
19. Provide make and model of boat offered for bid:	

B. Deck Area Minimum Requirements:

1. Bow rail, around bow area, 304 or 316 stainless steel, all welded construction, through bolted with backing plates
2. Bow pulpit with roller and anchor line hawse pipe
3. Through-bolted deck and hull hardware, 316 stainless steel, with backing plates,
4. Minimum deck hardware: 10" cleats each side bow forward and stern, spring recessed; aft 8" pull-up cleats (1) each side
5. 304 or 316 Stainless steel handrails on top of pilot house and trunk cabin, each side, through bolted with backing plates
6. Toe rails under gunwale, (Added structure, or equivalent, at the base of gunwales intended for feet to slide under for balance)
7. Heavy duty sports rub rail

C. Cockpit / Work area Minimum Requirements:

1. Self-bailing cockpit with drains
2. Cockpit minimum size 85" length x 88" width
3. Tinted windshield and windows
4. (2) Ladder back chairs with cushions and foot rest
5. Custom accessory panel
6. Second station steering station, in addition to steering station in pilot house
7. Second steering station to be located midway between rear of pilot house and transom
8. Provide steering stations only. Agency will supply and install steering mechanisms for Mercury Verado outboard motors.
9. Steering wheels, 304 or 316 stainless steel
10. Compass

D. Electrical and lighting:

1. International navigation lights
2. Marine grade waterproof remote operated spot light mounted on top of cab
3. Spreader lights mounted port and starboard side of cabin
4. Forward cabin lighting
5. Cockpit overhead lighting
6. Marine grade dual trumpet horn, mounted on top of cabin
7. Whelen model 9M288000 series light bar with blue lens, or equivalent
8. Whelen model SA315P, or equivalent
9. Whelen model BETA2 control head, or equivalent

10. Whelen model BETA112R amplifier, or equivalent
11. (4) marine grade 12VDC electric fans, one mounted each corner of forward cabin
12. (2) deep cycle marine batteries for equipment
13. Marine grade heavy duty battery selector switch
14. All wiring shall be tinned, stranded marine grade wiring, protected from salt water marine environment
15. Provide complete color coded or labeled wiring schematics of all electrical circuits.

E. Electronic Equipment Package:

Must be supplied as a package, installed, and calibrated, by boat supplier. Package must include all listed electronics equipment, and all necessary materials, wiring, hardware and incidentals for complete installation. Electronic equipment shall be tested for proper operation before Agency acceptance. Agency representative will designate appropriate equipment installation locations.

1. Raymarine C120 Navigation Package:
 - a. Raymarine radome model RD418D, with GPS interface with
 - b. Raymarine VHF radio model Ray-218
 - c. Raymarine digital sounder DSM30
 - d. Raymarine model B60 bronze thru hull transducer, installed at optimum hull location for operation with Raymarine equipment
2. Provide and install radar arch for Raymarine equipment, located so as not to interfere with roof mounted light bar.

F. Boat transport trailer, for minimum 25 ft. boat, to include the following:

1. Tandem axle, minimum 9,000 lbs. capacity
2. Wheel lubrication shall be "E-Z Lube" or equivalent "Buddy Bearing" type lubrication system for axle bearings
3. Axle bearings lubrication system must prevent wheel bearing contamination when immersed in salt water.
4. Wheel fenders over wheels both sides of trailer, with step pads
5. Fenders shall be non-rusting material, or galvanized or equal protected steel.
6. Galvanized or equal trailer body protection
7. Galvanized or equal protected wheels with F65-14 ST bias ply boat trailer tires, load range D
8. Galvanized or equal protected spare wheel with

- same tire as on axles, mounted on trailer
9. Galvanized or equal protected fenders, axles, and suspension
10. Surge brakes, all four wheels
11. Wiring harness and standard 7-prong connector for quick-connect to tow vehicle
12. Submersible light fixtures, salt water resistant
13. Non-rusting license plate bracket, salt water resistant, with submersible light
14. Retractable tongue jack, heavy duty type, galvanized or equal protected, with minimum 5" diameter wheel
15. Tongue end for 2-5/16" diameter coupler ball
16. Dual welded link safety chains, load rated for 9,000 lbs. minimum total trailer weight.
17. Bunk style boat support system, covered with marine grade carpet
18. Winch stand at front of trailer, with bow nesting pad and bow safety chain, must be structurally capable of withstanding winching 8,000 pound boat over bunk style support system
19. Manual winch, installed by trailer dealer, rated to handle moving a minimum 8,000 pound boat to nested bow travel position over bunk style support system.
20. Provide make and model of boat transport trailer:

DESCRIPTION OF WARRRRRANTY:

Notes: Minimum 5year limited boat hull warranty coverage will be required.

Describe best warranty coverage to be provided with boat and factory installed accessories.

Warranty coverage shall include transportation to and return from service center, when such transportation is required while under warranty.

DELIVERY TIME ARO FOR BOAT AND TRAILER

TOTAL PRICE SECTION

TOTAL PRICE:
TOTAL PRICE FOR (1) MINIMUM 25 FOOT BOAT, TRAILER, AND ALL EQUIPMENT PER SPECIFICATIONS, INCLUDING DELIVERY \$